

Top Ten Highest Historical Crests: Passaic River near Millington

Latitude: 40.68

Period of Record: 1924-Present

Longitude: -74.529

Flood Stage: 8

Last Flood: 5/1/2014

Total Number of Floods: 23

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
8/29/2011	10.26	2,120	Hurricane Irene brought heavy rains and flooding 26-28 August 2011. Area averaged rainfall from gauge and radar data indicated a broad swath of 3 to 10 inches with over 13" at a couple of spots.
10/20/1996	9.89	2,290	Frontal boundaries following a low pressure system produced a few inches of rainfall across the area, but dumped up to 8.50 inches in New Jersey.
8/29/1971	9.73	2,170	Tropical Storm Doria dumped 3 to 7 inches of rain across the region. Localized rainfall amounts of 8 to 10 inches were reported in the Tidewater area, Eastern NJ and Eastern PA.
3/15/2010	9.38	1,900	A low pressure system dumped heavy rain across the region with totals ranging from 1 - 3 inches in most of the area and 3 - 7 inches in New Jersey. The rainfall, combined with the melting snowpack caused significant flooding throughout the Mid-Atlantic.
4/17/2007	9.35	1,870	Two low successive low pressure systems produced rain and snow that caused flooding. Warm temperatures after the passage of the second low led to snowmelt and additional flooding.
3/12/1936	9.18	1,800	One to two inches of water equivalent from snowmelt combined with near 3 inches of rainfall to produce flooding and set the stage for the big March 17, 1936 flood event.
9/17/1999	8.91	1,590	Hurricane Floyd produced heavy rainfall from Virginia to Long Island. Rainfall totals ranged from 12 inches in Delaware to 16.57 inches in Newport News, Virginia. Two dams burst in New Jersey and several flood records were broken in New Jersey.
4/5/1984	8.87	1,620	An unusually wet winter and frozen ground preceded the passage of a low pressure system. The system dumped over an inch of rain throughout the area, but portions of New Jersey received up to 8 inches of rain.
9/27/1975	8.81	1,580	The remnants of Hurricane Eloise combined with a cold front and produced very heavy rainfall in the Mid-Atlantic. Washington, D.C. reported 9.08" of rainfall. Total damage for Virginia was estimated to be \$17.2 million.

Drainage Area: 55.4 sq mi

Gage Datum: 215.6 ft MSL

Passaic Basin

County of Gage: Somerset

County of Forecast Point: Morris

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
1/25/1979	8.73	1,530	A significant low pressure system produced 2 to 4 inches of rain throughout New Jersey, Eastern Pennsylvania and Virginia.

Drainage Area: 55.4 sq mi
Gage Datum: 215.6 ft MSL

Passaic Basin

County of Gage: Somerset
County of Forecast Point: Morris